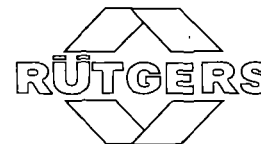


January 8, 2006



**VIA CERTIFIED MAIL**

Mary Logan  
U S EPA Region V (SR-6J)  
77 W Jackson Boulevard  
Chicago, IL 60604-3590

**RUTGERS Organics Corporation**

Sheila Abraham  
Ohio EPA - NE District Office  
Div Of Emergency & Remedial Response  
2110 East Aurora Road  
Twinsburg, OH 44087

Remedial Response Section Manager  
Ohio EPA - DERR  
P O Box 1049  
Lazarus Government Center Office  
122 South Front Street  
Columbus, OH 43216-1049

**Re: DECEMBER MONTHLY REPORT  
RI/FS & REMEDIAL DESIGN & REMOVAL ACTION  
NEASE CHEMICAL SITE  
SALEM, OHIO**

In accordance with Paragraph X E of the Administrative Order by Consent regarding a Remedial Investigation/Feasibility Study (RI/FS) of the Nease Chemical Site in Salem, Ohio, attached is a copy of the December 2006 RI/FS Progress Report. This report also includes the monthly progress report for the remedial design (OU-2) in accordance with Paragraph X of the Administrative Order on Consent, effective as of May 10, 2006.

Additionally, in accordance with Paragraph 14 of the Administrative Order by Consent, signed December 17, 1993, attached is a copy of the November 2006 Removal Action Progress Report.

Please contact us if you have any questions regarding activities discussed in these reports.

Sincerely,

A handwritten signature in black ink, appearing to read 'Rainer F. Domalski'.

Dr. Rainer F. Domalski  
Site Coordinator

Enclosures

cc: M. Hardy/Heidi Goldstein – Thompson Hine  
Steve Finn – Golder Associates, Inc

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201 Struble Road  
State College, PA 16801

Phone 814-238-2424  
Fax 814-238-1567  
web-site <http://RUTGERS-ORGANICS-CORP.COM>

Member of the RUTGERS Chemicals Group



**NEASE CHEMICAL SITE, SALEM, OHIO  
REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
REMEDIAL DESIGN (OU-2)  
MONTHLY PROGRESS REPORT  
DECEMBER 2006**

**1. INTRODUCTION**

This progress report has been prepared in accordance with Paragraph XE of the Administrative Order of Consent (AOC) regarding a Remedial Investigation/Feasibility Study (RI/FS) and Paragraph X of the Administrative Order on Consent regarding the Remedial Design (RD/OU-2) of the Nease Chemical Site in Salem, Ohio. The report summarizes the major RI/FS and RD actions during the month along with investigation results and any problems encountered in the project. Activities planned for next month are also presented

**2 SUMMARY OF ACTIVITIES PERFORMED**

**2.1 PROJECT ACTIVITY SUMMARY**

The activities that were initiated and/or completed during the month are described. All activities were performed in accordance with the detailed protocol provided in the approved Work Plan

**2.2 FIELDWORK**

**2.2.1 RI/FS**

The taken floodplain samples are still waiting to be analyzed. The re-analysis of fish samples by Exygen Research showed that their extraction was not sufficient. In a conference with the agencies it was decided that the floodplain samples will be analyzed by the Ohio EPA lab.

**2.2.2 RD (OU-2)**

According with the PDI workplan the following work was accomplished during this month

- Southern Area Groundwater Assessment  
Installation and sampling of Phase IV temporary wells were completed (TW06-31 through TW06-40). Based on these results it was agreed on the last call with the Agencies (December 22) that installation of additional temporary wells would not be required.
- Groundwater Monitoring Wells (Valley fill wells M-VF1 and M-VF2)  
Based on data collected from these wells an additional location (approximately 350 feet north) was proposed to the Agencies and subsequently approved. Groundwater samples from this additional location were collected on October 30. The data was present to the Agencies in November and the Agencies approved the proposal to install permanent wells at this location. On December 6 an attempt was made to install these wells. These wells could not be successfully installed as a result of subsurface conditions (running sands and artesian conditions) and the limitations of equipment due to site access. This was discussed with the Agencies and it was agreed installation of permanent wells would not be required as part of the PDI.
- Eastern Area Groundwater Assessment – Completed.

- Soil Conditions – Geotechnical Investigation – Completed.
- NZVI Field Pilot Study  
NZVI field pilot test commenced on November 27 and was completed on December 21. Two rounds of groundwater sampling were completed on December 12 and December 19.
- S/S/S Treatability Study  
Phase III of the treatability study continued.

## 2.3 Reports

### 2.3.1 RI/FS

In preparation of the upcoming Feasibility Study (FS) for OU-3 (Feeder Creek, MFLBC), the agencies and ROC agreed on additional sampling in the MFLBC including sediment, fish, surface water and flood plain soil to have a sufficient data base for the study. The first step, the reconnaissance of sediment bodies in the MFLBC, was performed from August 1 through 15, 2005. Sediment and fish samples were taken in the week of October 10, 2005, the surface water samples in the last October week. The analytical results of the samples taken were validated by the ROC's technical consultant and submitted to the agencies. Sampling locations for the flood plain soil were determined. ROC has obtained an access agreement with the owners. The actual sampling was conducted in the week of September 18, 2006.

The technical team consisting from representatives of U S EPA, Ohio EPA, Golder and ROC had a kick-off meeting on September 27, 2006 in Columbus, Ohio, to commence the work on the Feasibility Study (FS) for the Feeder Creek and MFLBC. A follow-up meeting was conducted on December 13, 2006 discussing potential cleanup goals and methods.

### 2.3.2 RD (OU-2)

The results of the ongoing PDI field investigation and lab studies are discussed in weekly conference calls between the agencies, ROC and its technical consultant.

Based on the groundwater sampling results in two off-site temporary monitoring wells, it was decided to sample sub-slab soil vapors at two residential homes at Benton Road.

## 2.4 MEETINGS

A meeting was held on December 13, 2006 in US EPA's Chicago office to discuss OU-3 (Feeder Creek, MFLBC) FS issues.

## 3 VARIATIONS FROM THE APPROVED WORK PLAN

None

## 4 RESULTS OF SAMPLING, TESTS AND ANALYSES

The results from the sampling were and will be provided to the agencies in specific reports.

## **5 PROJECT SCHEDULE**

The current Work Plan schedule identifies completion and target dates for project activities. Those scheduled to occur over the next several months include:

- Feasibility Study OU-3 (Feeder Creek, Middle Fork of Little Beaver Creek)
- Continue PDI field work (NZVI sampling)

## **6 DIFFICULTIES ENCOUNTERED AND ACTION TAKEN TO RESOLVE PROBLEMS**

No significant difficulties were encountered.

## **7 PERSONNEL CHANGES**

None

## **8 ANTICIPATED PROJECT ACTIVITIES FOR JANUARY 2007**

- Monthly Progress Report December 2006
- RI/FS
  - OU-3 Feasibility Study
  - Analysis of soil samples recovered during the floodplain sampling in September 2006
- RD (OU-2)
  - Southern Area Groundwater Assessment – Sub-slab soil vapor sampling at residential properties located at 1229 and 1235 Benton Road
  - Continue with the NZVI Field Pilot Study. The third round of groundwater sampling is scheduled for January 3, 2007.

**TABLE 1**  
**NEASE CHEMICAL SITE, SALEM, OHIO**  
**RI/FS AND RD (OU-2) SCHEDULE**

DATE	TASK/ACTIVITY/DELIVERABLE/MILESTONE	
	RI/FS	RD (OU-2)
	Documentation of the Site Activities through July 31, 2004 can be reviewed in the July 2004 Monthly Progress Report	
August 30, 2004	US EPA Region VI/ OEPA approve Endangerment Assessment	
September 1, 2004	Draft Feasibility Study (OU-2) submitted to the agencies for review	
September 9, 2004	Submit Monthly Progress Report	
September 13, 2004	Submit Final Revision to Endangerment Assessment	
October 8, 2004	Submit Monthly Progress Report	
November 10, 2004	Submit Monthly Progress Report	
November 22, 2004	Received Agencies' comments for draft FS (OU-2)	
December 10, 2004	Submit Monthly Progress Report	
January 10, 2005	Submit Monthly Progress Report	
February 10, 2005	Submit Monthly Progress Report	
March 1, 2005	Final Draft Feasibility Study (OU-2) submitted to agencies for review	
March 4, 2005	Submit Monthly Progress Report	
April 8, 2005	Submit Monthly Progress Report	
April 21, 2005	US EPA Region VI/OEPA approve Final Feasibility Study for OU-2	
May 9, 2005	Submit Monthly Progress Report	
May 31, 2005	US EPA Region V published the Proposed Remedial Action the OU-2 (onsite)	
June 9, 2005	Submit Monthly Progress Report	
July 8, 2005	Submit Monthly Progress Report	
August 10, 2005	Submit Monthly Progress Report	
Aug. 1 – 15, 2005	MFLBC – Reconnaissance of sediment bodies	
September 9, 2005	Submit Monthly Progress Report	
September 29, 2005	US EPA Region V signs Final Record of Decision for OU-2	
October 10, 2005	Submit Monthly Progress Report	

DATE	TASK/ACTIVITY/DELIVERABLE/MILESTONE	
	RI/FS	RD (OU-2)
November 9, 2005	Submit Monthly Progress Report	
December 8, 2005	Submit Monthly Progress Report	
January 9, 2006	Submit Monthly Progress Report	
February 8, 2006	Submit Monthly Progress Report	
March 15, 2006	Submit Monthly Progress Report	
April 10, 2006	Submit Monthly Progress Report	
May 8, 2006	Submit Monthly Progress Report	
May 10, 2006		Administrative Order on Consent for OU-2 Remedial Design effective
May 25, 2006		Submittal of draft PDI Workplan
June 8, 2006	Submit Monthly Progress Report	
June 9, 2006		ACO Financial Assurance – Trust Fund placed
June 28, 2006		US EPA comments to draft PDI workplan received
July 10, 2006	Submit Monthly Progress Report	
July 12, 2006		Sampling of well PZ-6B-U
Aug. 1, 2006		Submit revised PDI Workplan
Aug. 4, 2006	Submit Monthly Progress Report	
Aug. 21, 2006		Commenced with PDI Fieldwork
Aug. 28, 2006		Conditional Approval of PDI Workplan
Sept. 8, 2006	Submit Monthly Progress Report	
Sept. 18, 2006	Soil Sampling in the MFLBC Flood Plain	
Sept. 27, 2006		Submit Final PDI Workplan incl. response to agencies' comments
October 8, 2006	Submit Monthly Progress Report	
Nov. 6, 2006	Submit Monthly Progress Report	
Dec. 12, 2006	Submit Monthly Progress Report	
Dec. 13, 2006	OU-3 Meeting in US EPA Chicago Office	
Jan. 8, 2007	Submit Monthly Progress Report	

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**NEASE CHEMICAL SITE, SALEM, OHIO  
REMOVAL ACTION  
MONTHLY PROGRESS REPORT  
DECEMBER 2006**

**1.0 INTRODUCTION**

This progress report has been prepared in accordance with Paragraph 14 of the "Order" section of the Administrative Order by Consent (AOC) Docket No. V-W-94-C-212, effective November 17, 1993, regarding a Removal Action for the Nease Chemical Site in Salem, Ohio. The report summarizes the major activities during the month along with investigation results and any problems encountered on the project. Activities planned for next month are also presented.

**2.0 SUMMARY OF ACTIVITIES PERFORMED**

**2.1 PROJECT ACTIVITY**

The activities that were initiated and/or completed during this month are described below. Activities were performed in accordance with the Removal Action AOC.

The agencies and ROC discussed modifications of the existing onsite groundwater treatment system to optimize the protection against spills. ROC summarized the modifications agreed by the parties in a letter to the agencies. The contractor bids were received and will be awarded.

**2.2 WORK PLAN PREPARATION/REPORTS**

No work plans/reports were submitted this period.

**2.3 FIELDWORK**

**2.3.1 SITE INSPECTIONS**

The results of the monthly site inspection carried out at the site on December 20, 2006 are shown in Attachment 1.

**2.3.2 MONTHLY WATER LEVEL MEASUREMENTS**

The next water level measurements will be conducted in February 2007.

**2.3.3 TREATMENT PLANT OPERATION**

The treatment plant operated mostly normal throughout the month.

**2.4.1.1 MEETINGS**

None

**3.0 VARIATIONS FROM THE APPROVED REMOVAL ACTION WORK PLAN**

None

#### **4.0 RESULTS OF INSPECTIONS, ENVIRONMENTAL SAMPLING, TESTS AND ANALYSES**

Water monitoring samples were collected from the treatment plant on December 5 and 19, 2006 (see Attachments 3 and 4) The next Acute/Chronic Toxicity Evaluations will be conducted in February 2007

#### **5.0 PROJECT SCHEDULE**

The updated Work Plan schedule identifies completion and target dates for project activities.

#### **6.0 DIFFICULTIES ENCOUNTERED AND ACTION TAKEN TO RESOLVE PROBLEMS**

None

#### **7.0 PERSONNEL CHANGES**

No personnel changes occurred during month.

#### **8.0 TYPES AND QUANTITIES OF REMOVED MATERIALS**

For the period from December 1 through 31, 2006 the following material was removed:

- 15,600 gallons of leachate and/or backwash water were disposed off-site at a licensed treatment facility
- Approximately 186,640 gallons were pumped from Leachate Collection System 1 (LCS-1) (total for LCS-1 = 19,514,499 gal)
- Approximately 16,098 gallons were pumped from Leachate Collection System 2 (LCS-2) (total for LCS-2 = 1,524,474 gal)
- No water was pumped from Pond 1 (total for the pond = 1,021,138/ gallons)
- Approximately 24 pounds of organic compounds were removed during pumping (estimate based on average VOC/SVOC concentrations for each source).

#### **9.0 ANTICIPATED PROJECT ACTIVITIES FOR JANUARY 2007**

Removal Action activities scheduled for the upcoming month include on-going implementation of the approved Removal Action Work Plan involving.

- Collection of groundwater from the existing collection systems LCS-1, LCS-2 and Pond 1.
- Implementation of planned treatment plant modifications
- Monthly Progress Report for November 2006

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**TABLE 1**  
**NEASE CHEMICAL SITE, SALEM, OHIO**  
**REMOVAL ACTION SCHEDULE**

DATE	TASK/ACTIVITY/DELIVERABLE/MILESTONE
	<i>Documentation of the Site Activities through July 31, 2004 can be reviewed in the July 2004 Monthly Progress Report</i>
September 9, 2004	Submit Monthly Progress Report
October 8, 2004	Submit Monthly Progress Report
November 10, 2004	Submit Monthly Progress Report
December 10, 2004	Submit Monthly Progress Report
January 10, 2005	Submit Monthly Progress Report
February 10, 2005	Submit Monthly Progress Report
March 4, 2005	Submit Monthly Progress Report
April 8, 2005	Submit Monthly Progress Report
May 9, 2005	Submit Monthly Progress Report
June 9, 2005	Submit Monthly progress Report
July 8, 2005	Submit Monthly Progress Report
August 10, 2005	Submit Monthly Progress Report
September 9, 2005	Submit Monthly Progress Report
October 10, 2005	Submit Monthly Progress Report
November 9, 2005	Submit Monthly Progress Report
December 8, 2005	Submit Monthly Progress Report
January 9, 2006	Submit Monthly Progress Report
February 8, 2006	Submit Monthly Progress Report
March 15, 2006	Submit Monthly Progress Report
April 10, 2006	Submit Monthly Progress Report
May 8, 2006	Submit Monthly Progress Report
June 8, 2006	Submit Monthly Progress Report
July 10, 2006	Submit Monthly Progress Report
August 4, 2006	Submit Monthly Progress Report
September 8, 2006	Submit Monthly Progress Report
October 8, 2006	Submit Monthly Progress Report
November 6, 2006	Submit Monthly Progress Report
December 12, 2006	Submit Monthly Progress Report
January 8, 2007	Submit Monthly Progress Report

**ATTACHMENT 1**  
**RESULTS OF MONTHLY SITE INSPECTION**  
**NEASE CHEMICAL SITE, SALEM, OHIO**  
**DECEMBER 2006**

**SITE INSPECTION FORM**  
**RUETGERS-NEASE CORPORATION**  
**Nease Site, Salem, Ohio**

Date of Inspection: 12-20-06

Entry Time: 1300 Hrs Exit Time: 1700 Hrs

Weather: Mild + Cloudy

Inspector's Name: DENNIS L. LANE

Inspector's Company: Howells and Baird, Inc.

**INSPECTION RESULTS**

SPECIFIC OBSERVATIONS: Structures

(Responses: S = Satisfactory U = Unsatisfactory Yes/No Levels Measured in Feet, N/A = Not Applicable)

	Pump	Quick Connect	Water Level	Berm Erosion	Visible Leakage
Leachate Collection System 1 (LCS-1)	S	S	6.75	N/A	No
Leachate Collection System 2 (LCS-2)	S	S	9.49	N/A	No
Pond 1 Pumphouse	S	S	9.18	N/A	No
Pond 1 Berm	N/A	N/A	N/A	No	No
Pond 2 Embankment	N/A	N/A	N/A	No	No
Exclusion Area A Embankment	N/A	N/A	N/A	No	No
Storage Tank	N/A	S	4.03	N/A	No
Other (specify)					

## SPECIFIC OBSERVATIONS:

## Sediment Barriers

## Condition of Sediment Barriers

Barrier ID	Fabric Intact?	By Passing Evident?	Is Maintenance Necessary?
Sediment Control Structure 1	YES	No	No
Sediment Control Structure 2	YES	No	No
Fabric Barrier 2	YES	No	No
Fabric Barrier 3	YES	No	No
Fabric Barrier 4	YES	No	No
Fabric Barrier 5	YES	No	No
Fabric Barrier 8	YES	No	No
Fabric Barrier 9	YES	No	No
Fabric Barrier 10	YES	No	No
Rock Barrier 1	YES	No	No
Rock Barrier 2	YES	No	No
Pond 7 - North	YES	No	No
Pond 7 - South	YES	No	No

## SPECIFIC OBSERVATIONS:

Seeps (if present, use more forms, as necessary)

Seep ID (yr-month-#)	Located on Map	Areal Extent (ft <sup>2</sup> )	Magnitude (flow?, ponding?)
94-7-1	YES	20	Non-Flowing Seep
96-8-2	YES	20	Non-Flowing Seep

Note: Seep ID # equal the "nth" observed seep during the yr-month in question

## ADDITIONAL OBSERVATION OR REMARKS:

Inspector's Name: DENNIS L. LANEInspector's Signature: Dennis L. LaneDate: 12-20-06

CRANE-DEMING COMPANY.

CRANE  
DEMING  
SWAMP

96-8-2

**ATTACHMENT 2**

**WATER SAMPLING RESULTS – DECEMBER 5, 2006  
NEASE CHEMICAL SITE, SALEM, OHIO**



STL

STL North Canton  
4101 Shuffel Drive NW  
North Canton, OH 44720

Tel: 330 497 9396 Fax: 330 497 0772  
[www.stl-inc.com](http://www.stl-inc.com)

## ANALYTICAL REPORT

SALEM, OHIO SITE

Lot #: A6L060182

Dr. Rainer Domalski

Rutgers Organics Corporation  
201 Struble Road  
State College, PA 16801

SEVERN TRENT LABORATORIES, INC.

A handwritten signature in black ink, appearing to read "K. J. Kuzior".

Kenneth J. Kuzior  
Project Manager

December 27, 2006

## SAMPLE SUMMARY

A6L060182

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JKWFN	001	INFLUENT 12-5-06	12/05/06	13:00
JKWFP	002	OUTFALL 12-5-06	12/05/06	13:00

### NOTE(S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results
- Results noted as "ND" were not detected at or above the stated limit
- This report must not be reproduced, except in full, without the written approval of the laboratory
- Results for the following parameters are never reported on a dry weight basis color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight



Rutgers Organics Corporation

Client Sample ID: INFLUENT 12-5-06

General Chemistry

Lot-Sample #...: A6L060182-001    Work Order #...: JKWFN    Matrix.....: WG  
Date Sampled...: 12/05/06 13:00    Date Received...: 12/06/06

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrate as N	ND	0.10	mg/L	MCAWW 300.0A	12/06/06	6341182
		Dilution Factor: 1				
Nitrite as N	ND	0.10	mg/L	MCAWW 300.0A	12/06/06	6341183
		Dilution Factor: 1				
Nitrogen, as Ammonia	ND	2.0	mg/L	MCAWW 350.2	12/08/06	6342109
		Dilution Factor: 1				
Total phosphorus	ND	0.1	mg/L	MCAWW 365.2	12/07/06	6341121
		Dilution Factor: 1				

Rutgers Organics Corporation

Client Sample ID: OUTFALL 12-5-06

General Chemistry

Lot-Sample #...: A6L060182-002    Work Order #...: JKWFP    Matrix.....: WG  
 Date Sampled...: 12/05/06 13:00    Date Received...: 12/06/06

<u>PARAMETER</u>	<u>RESULT</u>	<u>RL</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP BATCH #</u>
Nitrate as N	ND	0.10	mg/L	MCAWW 300.0A	12/06/06	6341182
		Dilution Factor: 1				
Nitrite as N	ND	0.10	mg/L	MCAWW 300.0A	12/06/06	6341183
		Dilution Factor: 1				
Nitrogen, as Ammonia	ND	2.0	mg/L	MCAWW 350.2	12/08/06	6342109
		Dilution Factor: 1				
Total phosphorus	ND	0.1	mg/L	MCAWW 365.2	12/07/06	6341121
		Dilution Factor: 1				

**ATTACHMENT 3**

**WATER SAMPLING RESULTS/MIREX – DECEMBER 19, 2006  
NEASE CHEMICAL SITE, SALEM, OHIO**

# SEVERN TRENT LABORATORIES, INC.

## PRELIMINARY DATA SUMMARY

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The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.  
-----

Lot #: A6L200234      Rutgers Organics Corporation      PAGE 1  
SALEM, OHIO SITE      Date Reported: 1/05/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: INFLUENT 12-19-06

Sample #: 001      Date Sampled: 12/19/06 13:00      Date Received: 12/20/06      Matrix: WATER

### Inorganic Analysis

Reviewed

pH Aqueous	7.0		No Units	SW846 9040B
Filterable Residue (TDS)	490	10	mg/L	MCAWW 160.1
Non-Filterable Residue (TSS)	58	4.0	mg/L	MCAWW 160.2

Client Sample ID: LGAC 2-3-12-19-06

Sample #: 002      Date Sampled: 12/19/06 13:00      Date Received: 12/20/06      Matrix: WATER

### Volatile Organics by GC/MS

Reviewed

Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

# SEVERN TRENT LABORATORIES, INC.

## PRELIMINARY DATA SUMMARY

-----  
The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.  
-----

Lot #: A6L200234      **Rutgers Organics Corporation**      PAGE 2  
SALEM, OHIO SITE      Date Reported: 1/05/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: LGAC 2-3-12-19-06

Sample #: 002      Date Sampled: 12/19/06 13:00      Date Received: 12/20/06      Matrix: WATER

Volatile Organics by GC/MS				Reviewed
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
<b>Methylene chloride</b>	<b>0.26 J</b>	<b>1.0</b>	<b>ug/L</b>	<b>SW846 8260B</b>
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B

J Estimated result      Result is less than RL

Inorganic Analysis				Reviewed
pH Aqueous	8.0		No Units	SW846 9040B
Filterable Residue (TDS)	520	10	mg/L	MCAWW 160.1
Non-Filterable Residue (TSS)	ND	4.0	mg/L	MCAWW 160.2

(Continued on next page)

# SEVERN TRENT LABORATORIES, INC.

## PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Lot #: A6L200234      Rutgers Organics Corporation      PAGE 3  
SALEM, OHIO SITE      Date Reported: 1/05/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: OUTFALL 12-19-06

Sample #: 003      Date Sampled: 12/19/06 13:00      Date Received: 12/20/06      Matrix: WATER

Mercury in Liquid Waste (Manual Cold-Vapor)      Reviewed  
Mercury      ND      0.00020      mg/L      SW846 7470A

ICP-MS (6020)      Reviewed

Silver	ND	0.0010	mg/L	SW846 6020
Aluminum	0.069	0.050	mg/L	SW846 6020
Arsenic	0.016	0.0010	mg/L	SW846 6020
Beryllium	ND	0.0010	mg/L	SW846 6020
Cadmium	ND	0.0010	mg/L	SW846 6020
Chromium	ND	0.0020	mg/L	SW846 6020
Copper	ND	0.0020	mg/L	SW846 6020
Iron	0.73	0.020	mg/L	SW846 6020
Nickel	0.015	0.0020	mg/L	SW846 6020
Lead	ND	0.0010	mg/L	SW846 6020
Antimony	0.0024	0.0020	mg/L	SW846 6020
Thallium	ND	0.0010	mg/L	SW846 6020
Zinc	ND	0.010	mg/L	SW846 6020

Volatile Organics by GC/MS      Reviewed

Acetone	ND	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	10	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

# SEVERN TRENT LABORATORIES, INC.

## PRELIMINARY DATA SUMMARY

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 The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.  
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Lot #: A6L200234      **Rutgers Organics Corporation**      PAGE 4  
                                  SALEM, OHIO SITE      Date Reported: 1/05/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: OUTFALL 12-19-06

Sample #: 003      Date Sampled: 12/19/06 13:00      Date Received: 12/20/06      Matrix: WATER

Volatile Organics by GC/MS

Reviewed

4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
<b>Methylene chloride</b>	<b>0.22 J</b>	<b>1.0</b>	<b>ug/L</b>	<b>SW846 8260B</b>
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B

(Continued on next page)

# SEVERN TRENT LABORATORIES, INC.

## PRELIMINARY DATA SUMMARY

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The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.  
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Lot #: A6L200234      Rutgers Organics Corporation      PAGE 5  
SALEM, OHIO SITE      Date Reported: 1/05/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: OUTFALL 12-19-06

Sample #: 003      Date Sampled: 12/19/06 13:00      Date Received: 12/20/06      Matrix: WATER

Volatile Organics by GC/MS				Reviewed
o-Xylene	ND	1.0	ug/L	SW846 8260B

J Estimated result      Result is less than RL

Semivolatile Organic Compounds by GC/MS				Reviewed
Anthracene	ND	10	ug/L	SW846 8270C
Benzo(a)anthracene	ND	10	ug/L	SW846 8270C
Benzo(b)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(k)fluoranthene	ND	10	ug/L	SW846 8270C
Benzo(ghi)perylene	ND	10	ug/L	SW846 8270C
Benzo(a)pyrene	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C
Chrysene	ND	10	ug/L	SW846 8270C
Dibenz(a,h)anthracene	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C
1,2-Dichlorobenzene	ND	10	ug/L	SW846 8270C
1,3-Dichlorobenzene	ND	10	ug/L	SW846 8270C
1,4-Dichlorobenzene	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
Fluorene	ND	10	ug/L	SW846 8270C
Indeno(1,2,3-cd)pyrene	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C
4-Methylphenol	ND	10	ug/L	SW846 8270C
Naphthalene	ND	10	ug/L	SW846 8270C
Phenanthrene	ND	10	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
Pyrene	ND	10	ug/L	SW846 8270C
Phenyl sulfone	ND	2.0	ug/L	SW846 8270C
3,4-Dichloronitrobenzene	ND	10	ug/L	SW846 8270C

Organochlorine Pesticides				Reviewed
Methoxychlor	ND	0.10	ug/L	SW846 8081A

(Continued on next page)



# SEVERN TRENT LABORATORIES, INC.

## PRELIMINARY DATA SUMMARY

The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.

Lot #: A6L200234      **Rutgers Organics Corporation**      PAGE 6  
SALEM, OHIO SITE      Date Reported: 1/05/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: OUTFALL 12-19-06

Sample #: 003      Date Sampled: 12/19/06 13:00      Date Received: 12/20/06      Matrix: WATER

Inorganic Analysis				Reviewed
Biochemical Oxygen Demand	ND	2	mg/L	MCAWW 405.1
Free Cyanide	ND	0.010	mg/L	SM18 4500-CN-I
Chemical Oxygen Demand	ND	20	mg/L	MCAWW 410.4
N-Hexane Extractable Material (1664A)	ND	5.0	mg/L	CFR136A 1664A HEM
Ammonia Nitrogen	ND	2.0	mg/L	MCAWW 350.2
pH Aqueous	8.0		No Units	SW846 9040B
Filterable Residue (TDS)	480	10	mg/L	MCAWW 160.1
Total Organic Carbon	ND	1	mg/L	SW846 9060
Non-Filterable Residue (TSS)	ND	4.0	mg/L	MCAWW 160.2

Client Sample ID: TRIP BLANK

Sample #: 004      Date Sampled: 12/19/06 13:00      Date Received: 12/20/06      Matrix: WATER

Volatile Organics by GC/MS				Reviewed
Acetone	2.8 J	10	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	0.42 J	10	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	0.19 J	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B

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# SEVERN TRENT LABORATORIES, INC.

## PRELIMINARY DATA SUMMARY

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Lot #: A6L200234      **Rutgers Organics Corporation**      PAGE 7  
SALEM, OHIO SITE      Date Reported: 1/05/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: TRIP BLANK

Sample #: 004      Date Sampled: 12/19/06 13:00      Date Received: 12/20/06      Matrix: WATER

### Volatile Organics by GC/MS

Reviewed

1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
<b>Methylene chloride</b>	<b>0.63 J</b>	<b>1.0</b>	<b>ug/L</b>	<b>SW846 8260B</b>
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

# SEVERN TRENT LABORATORIES, INC.

## PRELIMINARY DATA SUMMARY

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 The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.  
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Rutgers Organics Corporation PAGE 8

Lot #: A6L200234 SALEM, OHIO SITE Date Reported: 1/05/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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**Client Sample ID: TRIP BLANK**

Sample #: 004    Date Sampled: 12/19/06 13:00    Date Received: 12/20/06    Matrix: WATER

Volatile Organics by GC/MS

Reviewed

J Estimated result    Result is less than RL

**Client Sample ID: AGAC 1-2-12-19-06**

Sample #: 005    Date Sampled: 12/19/06 13:00    Date Received: 12/20/06    Matrix: AIR

Volatile Organics by TO14 A (Low Level)

Reviewed

Benzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Bromodichloromethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Bromoform	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Carbon tetrachloride	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Chlorobenzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Dibromochloromethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Chloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Chloroform	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,2-Dibromoethane (EDB)	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Dibromomethane	ND	1.0	ppb (v/v)	EPA-2 TO-14A
<b>1,2-Dichlorobenzene</b>	<b>0.53</b>	<b>0.50</b>	<b>ppb (v/v)</b>	<b>EPA-2 TO-14A</b>
1,3-Dichlorobenzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,4-Dichlorobenzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Dichlorodifluoromethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,1-Dichloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,2-Dichloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
cis-1,2-Dichloroethene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
trans-1,2-Dichloroethene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,1-Dichloroethene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,2-Dichloropropane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
cis-1,3-Dichloropropene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
trans-1,3-Dichloropropene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Ethylbenzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Cumene	ND	1.0	ppb (v/v)	EPA-2 TO-14A
n-Propylbenzene	ND	1.0	ppb (v/v)	EPA-2 TO-14A
Styrene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,1,2,2-Tetrachloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Tetrachloroethene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Toluene	ND	0.50	ppb (v/v)	EPA-2 TO-14A

(Continued on next page)

# SEVERN TRENT LABORATORIES, INC.

## PRELIMINARY DATA SUMMARY

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The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.  
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Lot #: A6L200234      Rutgers Organics Corporation      PAGE 9  
SALEM, OHIO SITE      Date Reported: 1/05/07

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
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Client Sample ID: AGAC 1-2-12-19-06

Sample #: 005      Date Sampled: 12/19/06 13:00      Date Received: 12/20/06      Matrix: AIR

Volatile Organics by TO14 A (Low Level)

Reviewed

1,1,1-Trichloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,1,2-Trichloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Trichloroethene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Trichlorofluoromethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,2,3-Trichloropropane	ND	1.2	ppb (v/v)	EPA-2 TO-14A
1,3,5-Trimethylbenzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Vinyl chloride	ND	0.50	ppb (v/v)	EPA-2 TO-14A
m-Xylene & p-Xylene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
o-Xylene	ND	0.50	ppb (v/v)	EPA-2 TO-14A

Client Sample ID: AGAC F-12-19-06

Sample #: 006      Date Sampled: 12/19/06 13:00      Date Received: 12/20/06      Matrix: AIR

Volatile Organics by TO14 A (Low Level)

Reviewed

Benzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Bromodichloromethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Bromoform	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Carbon tetrachloride	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Chlorobenzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Dibromochloromethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Chloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Chloroform	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,2-Dibromoethane (EDB)	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Dibromomethane	ND	1.0	ppb (v/v)	EPA-2 TO-14A
<b>1,2-Dichlorobenzene</b>	<b>0.66</b>	<b>0.50</b>	<b>ppb (v/v)</b>	<b>EPA-2 TO-14A</b>
1,3-Dichlorobenzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,4-Dichlorobenzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Dichlorodifluoromethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,1-Dichloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,2-Dichloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
cis-1,2-Dichloroethene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
trans-1,2-Dichloroethene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,1-Dichloroethene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,2-Dichloropropane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
cis-1,3-Dichloropropene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
trans-1,3-Dichloropropene	ND	0.50	ppb (v/v)	EPA-2 TO-14A

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**SEVERN TRENT LABORATORIES, INC.**  
**PRELIMINARY DATA SUMMARY**

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The results shown below may still require additional laboratory review and are subject to change. Actions taken based on these results are the responsibility of the data user.  
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Lot #: A6L200234      **Rutgers Organics Corporation**      PAGE 10  
SALEM, OHIO SITE      Date Reported: 1/05/07

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>ANALYTICAL METHOD</u>
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Client Sample ID: AGAC F-12-19-06

Sample #: 006      Date Sampled: 12/19/06 13:00      Date Received: 12/20/06      Matrix: AIR

Volatile Organics by TO14 A (Low Level)

Reviewed

Ethylbenzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Cumene	ND	1.0	ppb (v/v)	EPA-2 TO-14A
n-Propylbenzene	ND	1.0	ppb (v/v)	EPA-2 TO-14A
Styrene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,1,2,2-Tetrachloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Tetrachloroethene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Toluene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,1,1-Trichloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,1,2-Trichloroethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Trichloroethene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Trichlorofluoromethane	ND	0.50	ppb (v/v)	EPA-2 TO-14A
1,2,3-Trichloropropane	ND	1.2	ppb (v/v)	EPA-2 TO-14A
1,3,5-Trimethylbenzene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
Vinyl chloride	ND	0.50	ppb (v/v)	EPA-2 TO-14A
m-Xylene & p-Xylene	ND	0.50	ppb (v/v)	EPA-2 TO-14A
o-Xylene	ND	0.50	ppb (v/v)	EPA-2 TO-14A